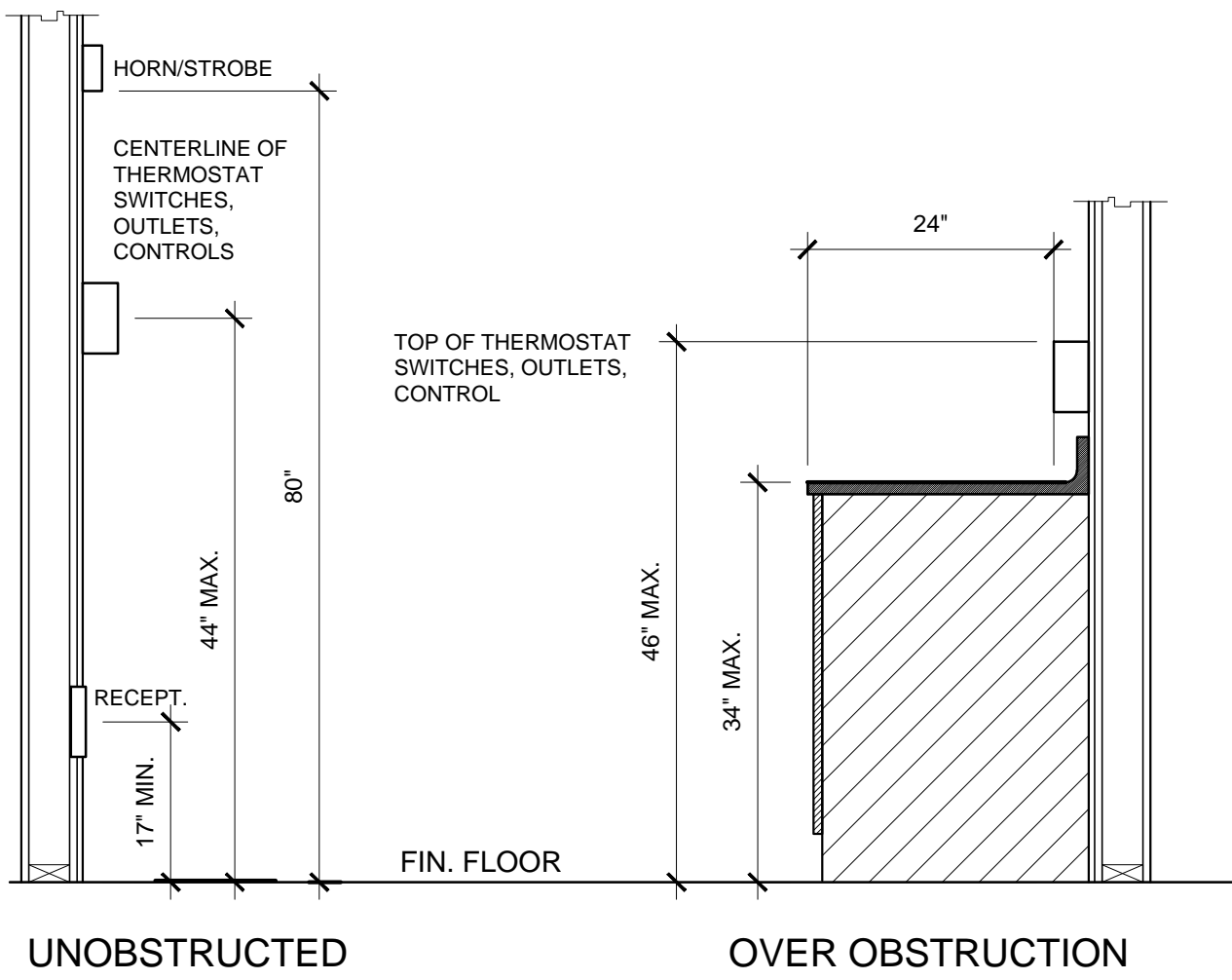


- NOTES**
1. FOR COMPLETE ELECTRICAL AND FIRE ALARM SYSTEM, SEE ARCHITECT PLANS.
 2. SUSPENDED CEILING SYSTEM NOT SHOWN FOR CLARITY ONLY AND NOT INTENDED FOR SPECIFIC PROJECT USE.

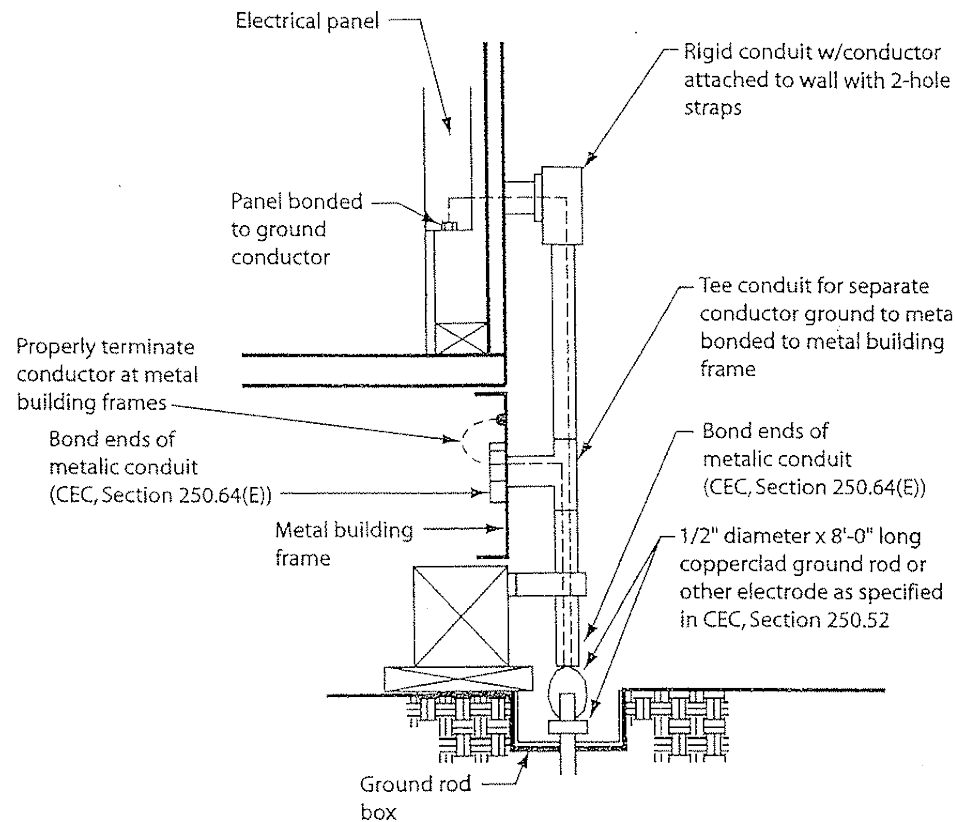
ELECTRICAL PLAN (8'-6" X 15'-6")

SCALE:1/4" = 1'-0"

ELECTRICAL PANEL													
VOLTS: 120/208 V				PANEL: "B"				FEED: BOTTOM					
MAIN: 100A				LOCATION: INTERIOR ACCESS				MOUNTING: FLUSH					
LOAD	QTY	WATTS	BREAKER	P	A	B	Circuit	BREAKER	WATTS	QTY	LOAD		
AØ	BØ	Amps						Amps	P	AØ	BØ		
EEMAX	3250	30	2	1	•	•	2	20	1	183		LIGHTS/FAN	
-		3250	-	3	•	•	4	20	1	183		LIGHTS/FAN	
				5	•	•	6	20	1	150		EXTERIOR LIGHTS	
				7	•	•	8	20	1	360		RECEPT.	
				9	•	•	10						
				11	•	•	12						
A = 3583	WATTS / PHASE		3250	3250						333	543	B = 3793	WATTS / PHASE
TOTAL = 7376	WATTS		30.73	AMPS	120/208	VOLTS				1 Ø	3	WIRE	



TYPICAL MOUNTING HEIGHTS

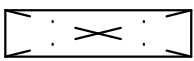


1. Size of conductors shall comply with CEC Table 250.66
2. Bond separate conductors from ground rod to electrical panel and to metal building frame (CEC 250.52). In addition to the detail shown above, bond the electrical ground to metal underground water pipe in direct contact with the earth for 10 ft. or more, if available (CEC 250.52).
3. **Not used**
4. Check resistance to ground. If resistance exceeds 25 ohms, install additional ground rod greater than six feet away (CEC 250.56). Once the second ground rod is installed, additional ground resistance testing is not required.
5. Where modular buildings are grouped together, a ground rod may be installed at the end buildings and a ground ring may be installed between them. Each intermediate modular building may be bonded to that ground ring. Where this method is used, ground resistance testing shall not be required.
6. Where modular buildings are installed on concrete foundations, a UFER ground shall be installed in the footing per [CEC 250.52 (A)(3)].
7. Other grounding methods identified in CEC 250 shall be acceptable means to achieve adequate grounding of metal buildings in compliance with the above.

GROUNDING DETAIL (BY OWNER)

1. SMOKE AND HEAT DETECTOR SHALL BE CONNECTED TO FIRE ALARM SYSTEM BY OTHERS
2. PROVIDE DEDICATED FIRE ALARM 120 VOLT CIRCUIT CONNECTED TO LOCKED-ON BREAKER. THE CIRCUIT BREAKER SHALL BE LOCKED-ON WITH APPROVED LOCKING DEVICE, MARKED RED AND IDENTIFIED AS "FIRE ALARM CONTROL CIRCUIT". NFPA 72 4.4.1.4.2.2

LEGEND



'CRESCENT' MODEL #14GP232FSA11K2Y, 1'x4' FLUORESCENT RECESSED MOUNT ACRYLIC PRISMATIC LENS, ELECTRONIC BALLAST, (1) 32 WATT T-8 TUBES.



4SD J-BOX FOR FIRE ALARM STROBE (DEVICE BY OTHERS). MOUNT AT +80" AFF TO BOTTOM OF DEVICE WITH 3/4" CONDUIT TO EXTERIOR FIRE ALARM HORN WITH PULLSTRING



SWITCH AT +44" A.F.F. (OPTIONAL APPLICATION)



OCCUPANCY MOTION SENSOR DEVICE, OCS15-ID @ +44" (STANDARD APPLICATION)



EXTERIOR LIGHT FIXTURE. MOUNT AT +93" AFF w/ 90 MINUTE EMERGENCY BATTERY BACKUP



FIRE ALARM HORN (WATERPROOF) J-BOX ONLY W/ 3/4"Ø CONDUIT, +90" A.F.F.



FIRE ALARM PULL STATION (J-BOX ONLY) +44" A.F.F.



SMOKE DETECTOR J-BOX ONLY W/ 3/4"Ø CONDUIT @ CEILING



HEAT DETECTOR J-BOX ONLY W/ 3/4"Ø CONDUIT IN ATTIC SPACE



110V RECEPTACLE 20 AMP SPECIFICATION GRADE @ +15" A.F.F. UNLESS NOTED OTHERWISE.



120 V - GROUND FAULT CIRCUIT INTERRUPTOR (GFCI) RECEPT, 20 AMPS @ +44" A.F.F. UNLESS NOTED OTHERWISE.



100 AMP RECESSED ELECTRICAL PANEL



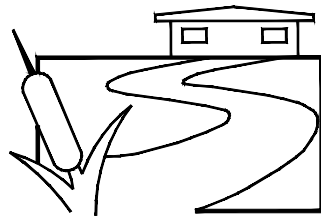
'BROAN', MODEL 676, EXHUAUST FAN OR EQUAL - 110 CFM

CONDUIT

4S J-BOX w/ 3/4" CONDUIT STUBBED TO ATTIC SPACE & PULL STRING. MOUNT @ 18" AFF

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'BUILDING FOR THE NEXT GENERATION'

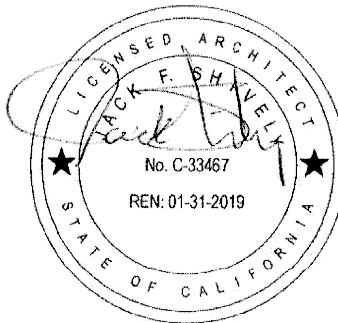
SILVER CREEK

2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

**ELECTRICAL PLAN
AND SCHEDULES**
(8'-6"x15'-6")



ARCHITECT OF RECORD

PROJECT SPECIFIC STATE AGENCY APPROVAL

REVISIONS

ADDENDUM-A _ 04 / 05 / 2017

PROJECT NO:

DRAWN BY: FIL CARRILLO

SCALE: AS NOTED

DATE: 02/04/2015

SHEET NUMBER

E-1.01